

Abstract

5 The present invention relates to a process for
producing and winding partially oriented polyester
multifilament yarns not less than 85% by weight based
on the total weight of the multifilament yarn
polybutylene terephthalate (PBT) and/or
polytrimethylene terephthalate (PTMT) that contain
between 0.05% by weight and 2.5% by weight based on the
10 total weight of the multifilament yarn of at least one
additive polymer extensibility enhancer, which
comprises providing a wound yarn package which is
stable in long-term storage and insensitive to elevated
temperatures during storage and transportation by heat-
15 treating the wound polyester multifilament yarn package
at a temperature in the range from $> 45^{\circ}\text{C}$ to 65°C .

The present invention further relates to the polyester
multifilament yarns obtainable by the process and to
20 their use.